UBPATCH (3.0.1.6GP3:1/27/97) (UBPATCH)

SEGMENT DESCRIPTION

The UBPATCH 3.0.1.6GP3 upgrades the functionality of a GCCS 2.2 machine with UB fully loaded. It adds several new capabilities and corrects a few problems. The updated programs and data span the contents of the various UB segments (GCCS COE, JMTK, UBApps, JMCISApps, and Printer), as these are inter-related.

All future UBPATCH segments (e.g. UBPATCH 3.0.1.6GP4) will be roll-ups of all previous UBPATCH segments, and the deinstall/reinstall will happen automatically when the new UBPATCH is installed.

This segment should be loaded on any system where UB is desired and is fully loaded.

INSTALLATION INSTRUCTIONS

Step 1: Verify installation of required segments:

GCCS COE 3.0.1.6.02G
JMTK 3.0.1.6.02G
UB APPS 3.0.1.6.02G
JMCIS APPS 3.0.1.6.02G
PRINTER 3.0.1.6.02G

Step 2: Install UBPATCH 3.0.1.6GP3.

The following will be presented to the installer:

If UBPATCH 3.0.1.6GP2 has not been previously installed, a warning window will prompt the user to reboot this system, the Tdbm master, and all other Tdbm clients using UB. This is required, because P3 can change the global track distributions (increasing the maximum number of JUNITS), and shared memory segments must be recreated by a reboot.

FIXES / NEW FEATURES

This release updates the following:

The following are fixes/new features for UBPATCH 3.0.1.6GP3:

1.   Corrected a number of bugs with the "ATOX+" software (ATO processing). Enabled receipt of VERY long "NARR" entries, corrected MERGE problems (deleted CHANGE message, or original ATO with no CHANGE's received yet). Corrected 1st TASKUNIT failure to plot.

2.   Added the capability to display link tracks by Mode-3 IFF value. The Mode-3 option is now available from the Plot Controls/Symbol Labels window.

3.   Under UB's Track Status window, added capability for users to see maximum track database size by track type. These max values are configurable through a sysadmin option, but they can now be viewed through Track Status.

4.   Corrected potential socket-related instability in QueryServer executable, which could have caused processes connecting to QueryServer to lock up if incorrect data was passed.

5.   Modified Mdx datafile for MdxTrkBdcst encoder to increment number of slots field, to help protect against data loss in burst situations.

6.   Rewrote Printer Setup windows using Motif window manager, so that Mixed Case is now supported in the Printer Name field. This REMOVES the restriction that all printers used by UB must be ALL CAPS.

7.   HP ONLY: Corrected a problem with the version file of the GCCS Account Group that was causing the "GCCS REV 2.2" version number to appear incorrectly during a user session.

The following are roll-up fixes/new features for UBPATCH 3.0.1.6GP1 and 3.0.1.6GP2:

8.   Included roll-up of all previous 3.0.1.6G patches (specifically, UBPATCH, Version 3.0.1.6GP1 and 3.0.1.6GP2).

9.   Enhanced the functionality of the UB ATO processing, adding features such as the ability to attach link tracks by mode-2 to targets so the ATO can be monitored as it is carried out.

10.   Added LOS Profile capabilities to the system, allowing a graphic elevation profile of the line of sight between two selected points on the display (DTED map data only).

11.   Added a LK11ADS (Link 11 ADSI) interface to the list of available interfaces, allowing the Link-11 Indian-Head protocol to receive real-time ADSI link track information and plot the tracks using a stereographic projection on the geodisplay.

12.   Increased maximum JUNIT count in Tdbm by 1150 to a total of 1650. Also included a new SysAdmin menu option to reconfigure the maximum track limit distributions by track type. NOTE: Reconfiguration requires reboot of all systems on the LAN running UB.

13.   Corrected the ability of the Set View Filter application to crash System Chart if the View Window was not already launched.